

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: EPHESUS

Report Number: P731564 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0530N-57-70-5S-CV5**

Issue Date: 11/16/2023

Test Information

Test Method: LM-79-08
Report Number: P731564 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-30)
Test Lab: INNOVATION CENTER
Issue Date: 11/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-LS-08-0530N-57-70-5S-CV5
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

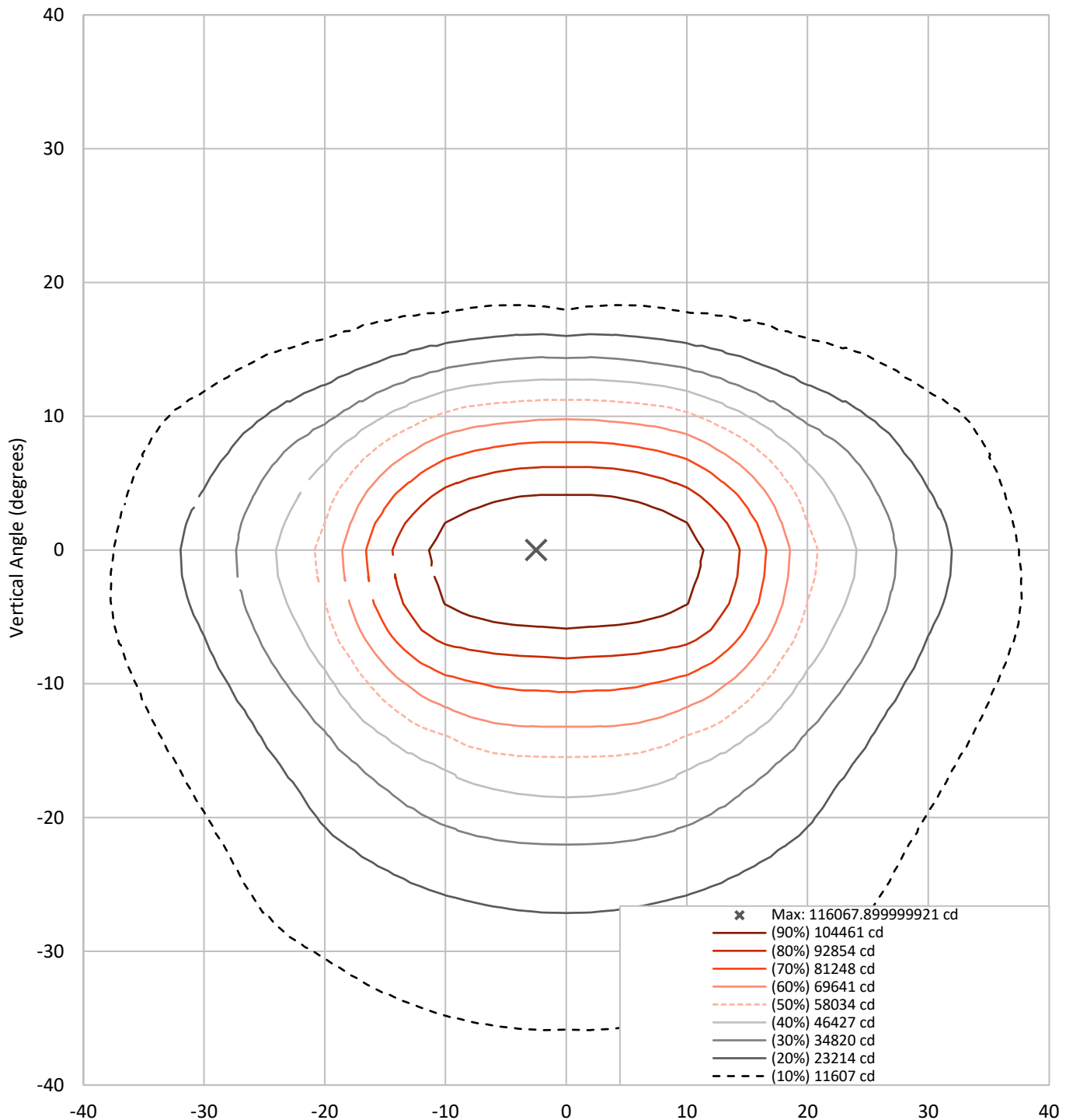
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	45992.6 lumens	Max Intensity:	116067.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	82.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.7°H x 26.5°V	Field Angle (10%):	74.8°H x 54.1°V
Beam Lumens:	22795 lumens	Field Lumens:	41228.9 lumens
Beam Efficiency:	49.6%	Field Efficiency:	89.6%

Input Watts (W): 559.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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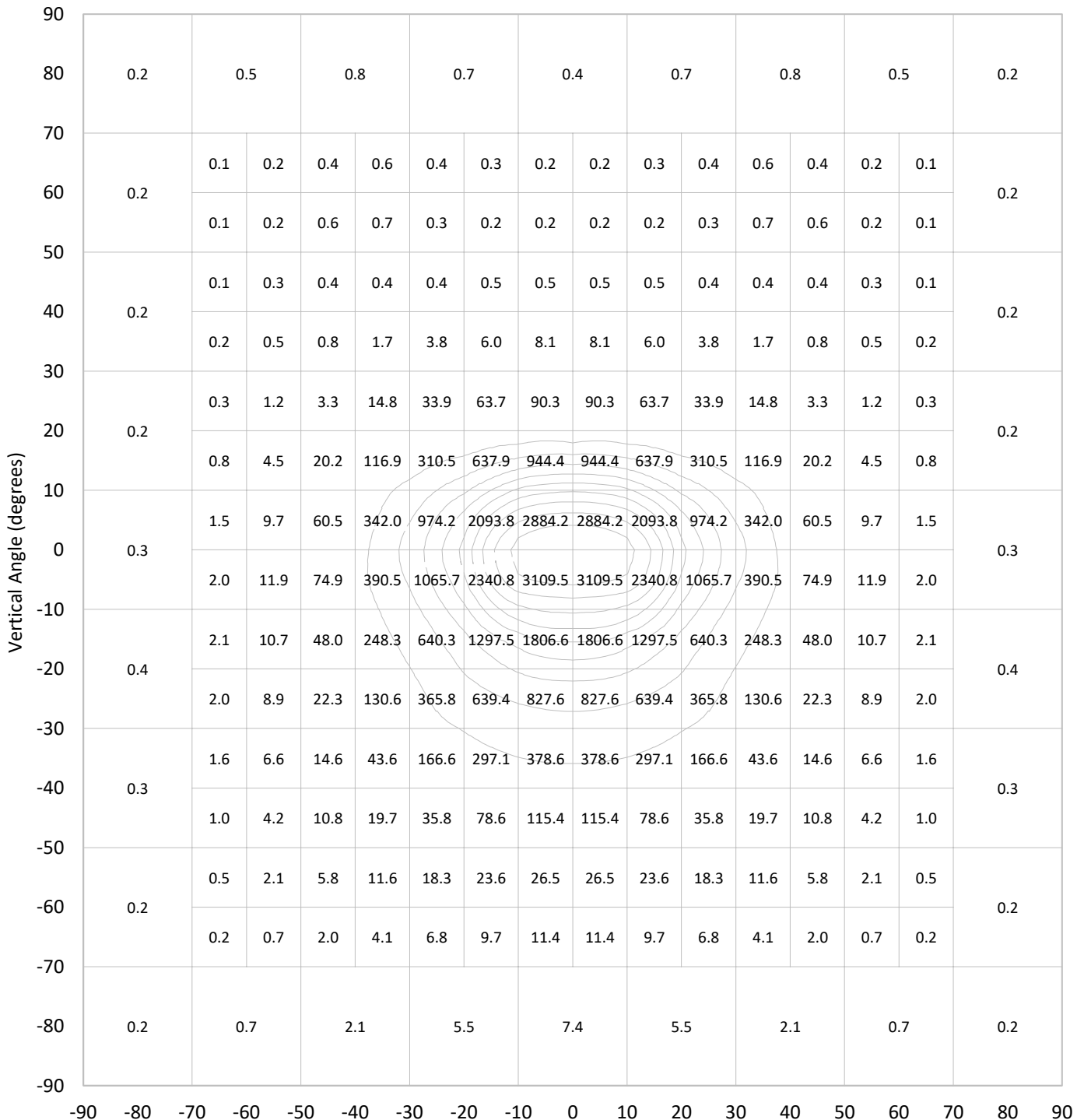
Iso-Candela Plot





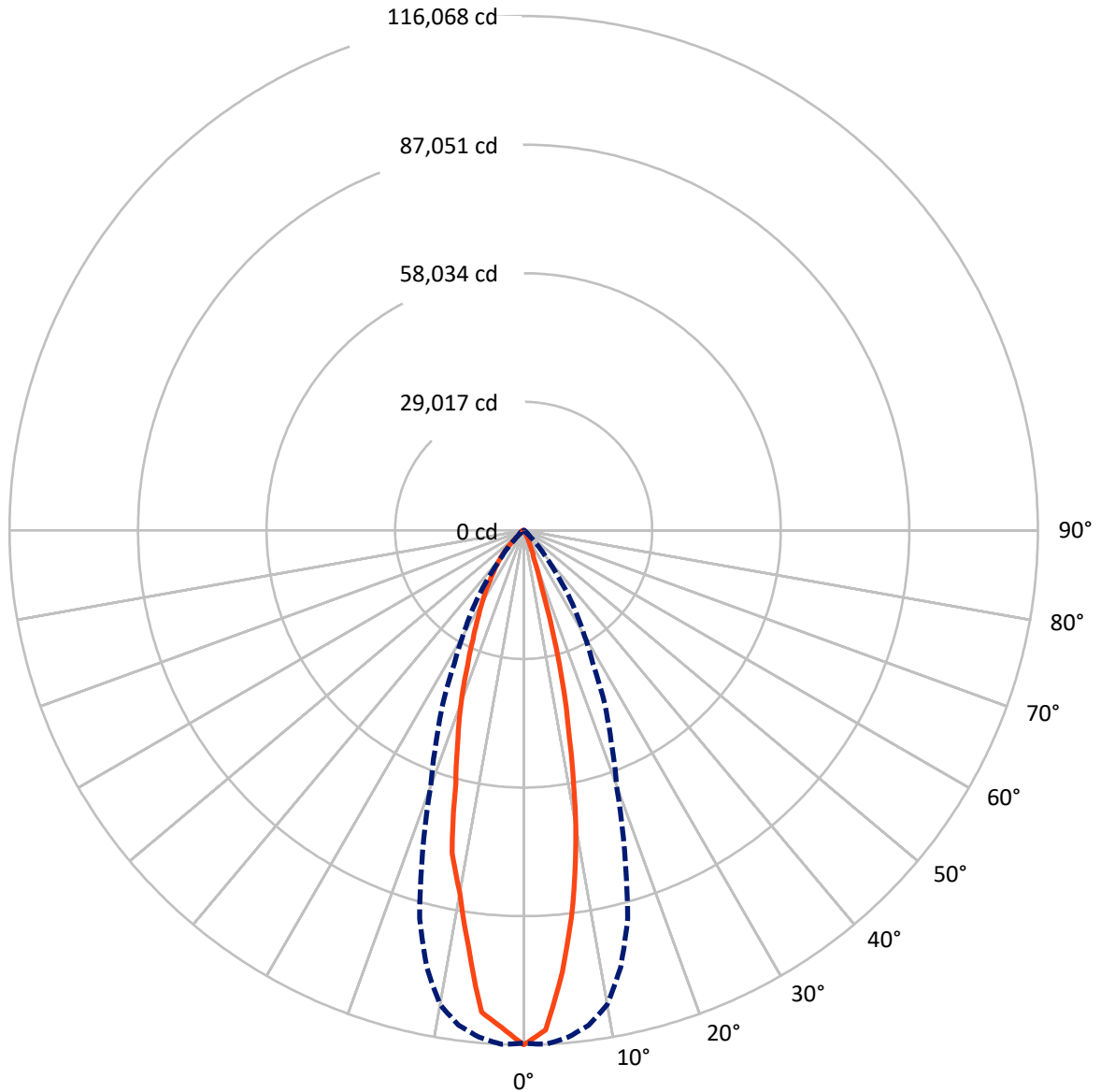
REPORT NUMBER: P731564 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P731564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08-0530N-57-70-5S-CV5

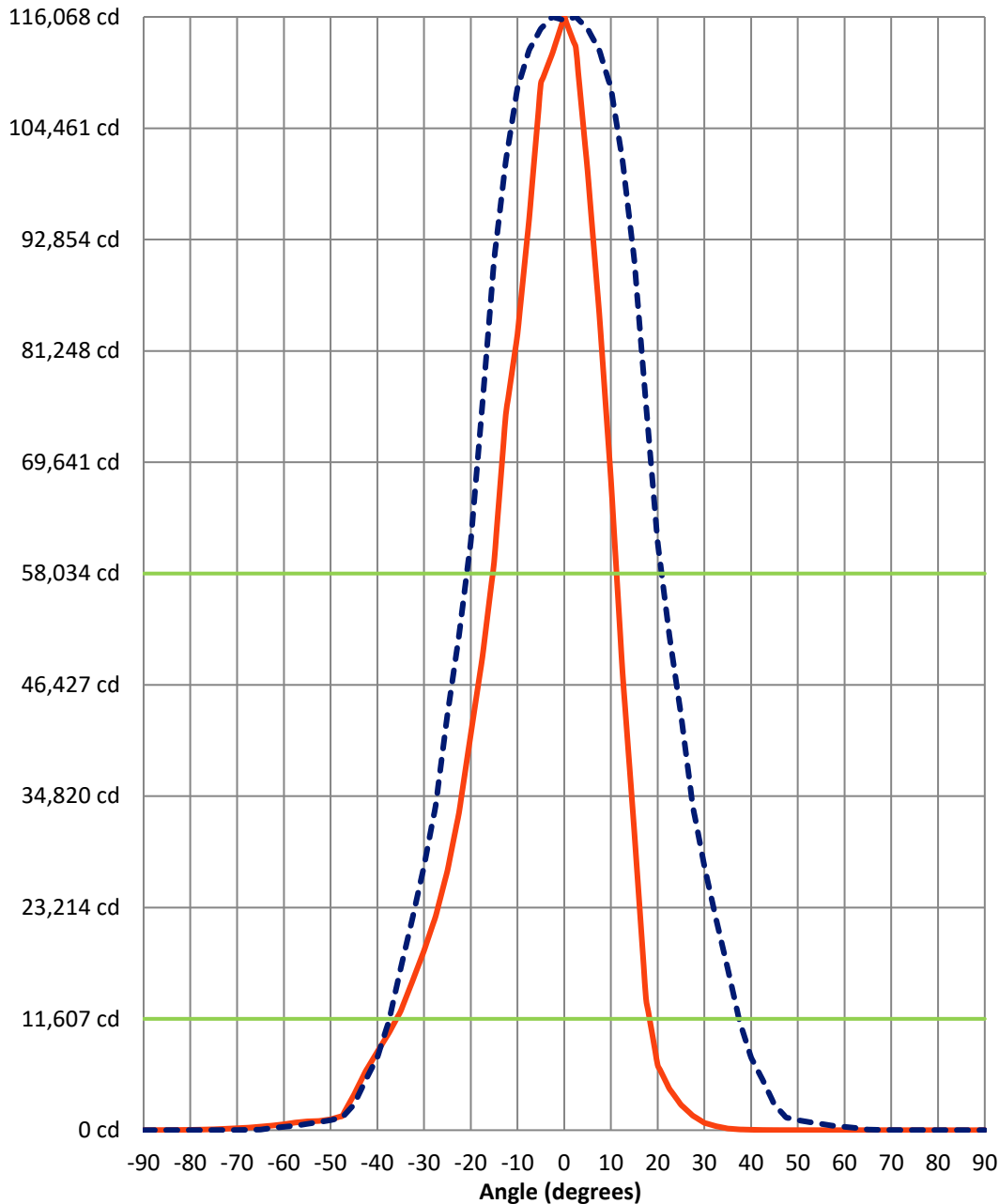
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 41.7°
 V Angle: 26.5°
 Lumens: 22795
 Efficiency: 49.6%

Field:
 H Angle: 74.8°
 V Angle: 54.1°
 Lumens: 41228.9
 Efficiency: 89.6%

Spill:
 Lumens: 4763.7
 Efficiency: 10.4%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7	7	7	7	7	7	7	7	7	7	7
87.5°	7	7	7	7	7	7	7	7	7	7	7
85°	7	7	7	7	8	8	8	8	8	7	7
82.5°	7	7	7	8	8	8	8	8	8	8	8
80°	7	7	8	8	8	9	9	8	8	8	8
77.5°	7	7	8	8	9	9	9	9	9	9	9
75°	7	7	8	8	9	9	9	9	9	9	9
72.5°	7	7	8	9	9	9	9	9	9	9	9
70°	7	7	8	9	9	9	9	9	9	9	9
67.5°	7	7	8	9	9	9	9	9	9	9	9
65°	7	7	8	9	9	9	9	9	9	9	9
62.5°	7	7	8	9	9	9	9	9	9	9	9
60°	7	7	9	9	9	9	9	9	9	9	9
57.5°	7	7	9	9	9	9	9	9	9	9	9
55°	7	7	9	9	9	9	9	9	9	9	9
52.5°	7	7	9	9	9	9	9	9	9	9	9
50°	7	7	8	9	9	9	9	9	9	9	9
47.5°	7	7	8	9	9	9	9	9	9	9	10
45°	7	7	8	9	9	9	9	9	9	9	11
42.5°	7	7	8	9	9	9	9	9	9	10	11
40°	7	7	8	9	9	9	9	10	10	10	12
37.5°	7	7	9	9	9	9	10	10	10	11	12
35°	7	7	9	9	9	9	10	10	11	12	12
32.5°	7	7	9	9	9	9	10	11	11	13	14
30°	7	7	9	9	9	9	10	11	12	13	15
27.5°	7	7	9	9	9	10	11	11	13	14	16
25°	7	7	9	9	9	10	11	12	13	16	18
22.5°	7	7	9	9	9	10	11	12	14	17	21
20°	7	7	9	9	9	10	12	13	15	18	25
17.5°	7	7	9	9	9	10	12	13	16	20	29
15°	7	7	9	9	9	10	12	14	16	21	33
12.5°	7	7	9	9	9	10	12	14	17	23	37
10°	7	7	9	9	9	10	12	14	18	25	42
7.5°	7	7	9	9	9	11	12	14	18	27	48
5°	7	7	9	9	9	11	12	14	19	29	53
2.5°	7	7	9	9	9	11	12	14	19	32	59
0°	7	7	9	9	9	11	12	14	19	33	63
-2.5°	7	7	9	9	9	11	13	16	24	42	77
-5°	7	7	9	9	9	11	13	17	29	50	90
-7.5°	7	7	9	9	9	11	13	19	33	58	102
-10°	7	7	9	9	9	11	13	20	36	64	113
-12.5°	7	7	9	9	10	11	13	21	39	70	121
-15°	7	7	9	9	10	11	13	21	42	75	127
-17.5°	7	7	9	9	10	11	13	22	44	78	130
-20°	7	7	9	9	10	12	14	24	45	80	132



REPORT NUMBER: P731564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-57-70-5S-CV5

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7	7	9	9	10	12	15	25	46	81	132
-25°	7	7	9	9	10	12	15	25	45	80	129
-27.5°	7	7	9	9	10	12	15	25	43	78	128
-30°	7	7	9	9	10	12	15	24	42	76	124
-32.5°	7	7	9	9	10	11	15	24	42	72	118
-35°	7	7	9	9	9	11	15	24	40	67	110
-37.5°	7	7	9	9	9	11	14	23	38	61	98
-40°	7	7	8	9	9	11	14	21	36	57	88
-42.5°	7	7	8	9	9	11	13	19	33	52	76
-45°	7	7	8	9	9	10	13	17	30	46	64
-47.5°	7	7	8	9	9	10	12	16	26	40	57
-50°	7	7	8	9	9	10	11	15	21	34	49
-52.5°	7	7	9	9	9	10	11	14	18	28	41
-55°	7	7	9	9	9	10	11	12	16	22	34
-57.5°	7	7	9	9	9	10	11	12	14	18	26
-60°	7	7	9	9	9	10	10	11	13	16	20
-62.5°	7	7	8	9	9	10	10	11	12	14	17
-65°	7	7	8	9	9	10	10	11	12	13	15
-67.5°	7	7	8	9	9	10	10	11	11	12	13
-70°	7	7	8	9	9	10	10	11	11	12	13
-72.5°	7	7	8	9	9	9	10	11	11	11	12
-75°	7	7	8	8	9	9	10	10	11	11	11
-77.5°	7	7	8	8	9	9	9	10	10	10	11
-80°	7	7	8	8	8	9	9	9	9	10	10
-82.5°	7	7	7	8	8	8	8	9	9	9	9
-85°	7	7	7	7	8	8	8	8	8	8	9
-87.5°	7	7	7	7	7	7	7	8	8	8	8
-90°	7	7	7	7	7	7	7	7	7	7	7



REPORT NUMBER: P731564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-57-70-5S-CV5

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7	7	7	7	7	7	7	7	7	7	7
87.5°	7	7	7	7	7	7	7	7	7	7	7
85°	7	7	7	7	7	7	7	7	7	7	7
82.5°	8	7	7	7	7	7	7	7	7	7	7
80°	8	8	8	8	8	8	8	8	8	8	8
77.5°	9	8	8	9	9	9	9	9	8	8	8
75°	9	9	9	9	9	9	9	9	9	9	9
72.5°	9	9	9	9	9	9	10	10	11	11	10
70°	9	9	9	9	9	10	10	11	12	12	13
67.5°	9	9	9	9	10	11	11	13	15	16	17
65°	9	9	9	10	11	12	14	16	21	23	24
62.5°	9	9	9	10	11	13	16	22	28	32	32
60°	9	9	10	11	12	15	20	27	36	42	38
57.5°	9	9	11	12	14	17	23	31	40	50	43
55°	9	10	12	14	16	18	24	32	41	47	40
52.5°	10	11	13	15	17	19	21	29	34	38	34
50°	10	12	14	16	18	18	17	22	27	28	28
47.5°	11	13	15	17	17	16	15	17	20	22	21
45°	12	14	16	16	16	16	15	15	18	18	17
42.5°	13	15	16	16	17	17	17	16	17	17	17
40°	13	15	16	17	18	19	20	20	17	19	19
37.5°	14	16	17	21	20	23	25	27	25	23	26
35°	14	16	22	26	27	28	34	37	35	34	37
32.5°	15	17	28	33	35	38	47	48	50	51	54
30°	16	23	35	40	46	55	60	61	68	76	100
27.5°	20	30	42	49	58	74	80	81	92	114	171
25°	24	48	50	60	76	96	108	120	124	192	327
22.5°	33	71	79	71	96	121	147	182	233	311	511
20°	50	96	115	120	126	149	193	262	423	701	967
17.5°	69	124	156	181	210	219	248	357	662	1257	1953
15°	91	156	199	249	302	343	403	574	1066	2025	3220
12.5°	113	190	246	324	402	475	586	952	1780	3110	4923
10°	136	225	294	401	506	612	777	1386	2624	4266	6474
7.5°	161	260	341	481	613	752	971	1852	3499	5334	7818
5°	186	292	384	545	701	873	1146	2324	4366	6309	9036
2.5°	209	323	425	603	773	962	1243	2519	4866	7028	10237
0°	229	350	463	657	840	1044	1327	2660	5210	7580	11409
-2.5°	238	361	482	673	837	1031	1328	2707	5504	8235	12001
-5°	243	369	497	683	830	1011	1315	2686	5553	8386	11767
-7.5°	245	373	508	686	813	973	1256	2490	5026	7691	10671
-10°	245	372	504	664	782	921	1178	2232	4417	6908	9506
-12.5°	240	366	494	641	752	867	1087	1913	3749	6058	8391
-15°	234	357	481	616	724	812	986	1538	3053	5296	7496
-17.5°	226	347	465	592	700	755	877	1161	2430	4480	6594
-20°	217	334	445	568	677	719	819	1047	1922	3570	5615



REPORT NUMBER: P731564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-57-70-5S-CV5

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	207	320	425	543	645	699	768	926	1370	2574	4559
-25°	201	305	406	511	612	681	717	810	1036	1942	3444
-27.5°	197	289	379	476	580	658	688	752	911	1287	2396
-30°	190	266	351	440	540	622	669	707	803	1009	1643
-32.5°	176	241	322	406	497	588	655	692	754	860	1073
-35°	159	221	292	370	452	545	625	685	714	788	924
-37.5°	144	199	262	334	411	497	590	658	706	740	838
-40°	127	176	235	300	370	449	535	619	684	740	783
-42.5°	109	155	208	264	330	401	477	561	644	720	779
-45°	95	133	180	232	289	353	423	496	583	670	746
-47.5°	81	112	154	199	250	306	367	436	510	594	683
-50°	67	95	126	168	212	260	315	375	441	511	588
-52.5°	58	77	105	136	175	217	264	316	373	432	495
-55°	47	64	84	109	139	176	215	261	306	359	407
-57.5°	38	51	67	86	110	136	171	207	248	290	325
-60°	29	40	53	67	83	106	129	159	192	224	254
-62.5°	21	30	40	52	65	78	97	118	139	166	191
-65°	18	21	29	39	48	61	73	84	102	119	135
-67.5°	15	17	21	26	35	45	55	65	76	85	95
-70°	13	14	16	19	23	30	39	48	56	65	73
-72.5°	13	13	14	14	17	21	26	31	37	44	51
-75°	12	12	13	13	14	16	18	22	26	29	32
-77.5°	11	11	12	12	13	14	15	17	19	21	23
-80°	10	11	11	11	11	12	13	13	15	16	18
-82.5°	9	10	10	10	10	10	11	11	11	12	13
-85°	9	9	9	9	9	9	9	10	10	10	10
-87.5°	8	8	8	8	8	8	8	8	8	8	8
-90°	7	7	7	7	7	7	7	7	7	7	7



REPORT NUMBER: P731564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-57-70-5S-CV5

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7	7	8	8	9	10	11	13	14	14	13
87.5°	7	7	6	6	5	5	4	4	4	3	3
85°	7	7	7	7	7	6	6	6	5	4	4
82.5°	7	7	7	7	7	7	6	6	5	4	4
80°	7	7	7	7	7	7	6	6	5	4	4
77.5°	7	7	7	7	7	7	6	6	5	5	4
75°	9	9	8	8	7	7	6	6	5	5	4
72.5°	10	10	9	9	9	8	8	7	7	6	6
70°	14	14	14	13	12	11	10	9	9	8	7
67.5°	18	18	17	16	14	12	11	10	9	9	9
65°	24	22	20	17	15	12	11	10	9	9	9
62.5°	29	24	19	16	14	12	11	10	8	8	7
60°	31	22	16	14	12	11	10	8	8	7	7
57.5°	31	21	14	12	10	9	9	8	7	7	6
55°	29	19	11	10	10	9	9	8	8	7	7
52.5°	23	17	12	10	10	9	9	8	8	7	7
50°	20	15	12	10	10	9	9	9	9	8	8
47.5°	18	14	12	11	10	11	12	12	12	11	11
45°	15	13	13	13	14	15	15	15	15	15	15
42.5°	15	15	16	18	18	20	21	19	22	23	22
40°	20	21	26	30	33	34	40	40	41	43	44
37.5°	30	35	50	61	66	66	75	76	74	84	87
35°	45	69	93	107	115	121	132	145	139	162	170
32.5°	82	124	169	167	182	222	237	261	285	323	365
30°	137	253	304	286	328	385	386	452	543	621	739
27.5°	309	439	506	536	568	640	730	814	1047	1207	1375
25°	524	704	776	887	988	1055	1327	1525	1860	2104	2356
22.5°	846	1083	1232	1332	1673	1976	2266	2697	3030	3448	3763
20°	1248	1568	2114	2542	2756	3400	3924	4370	4961	5479	5940
17.5°	2354	2534	3675	4791	5242	6074	7581	8150	9852	11098	11771
15°	4263	5134	6335	8196	10260	11890	13319	16244	19491	22370	25401
12.5°	6741	8444	10466	12742	16461	19412	22572	26753	31999	36565	41936
10°	9224	12101	14896	18442	23140	27696	32249	38870	46576	53975	60372
7.5°	11276	15178	18965	23868	30266	36614	42977	51735	61926	70370	77630
5°	13366	18251	22693	28348	35879	43610	51573	62493	74531	84093	91582
2.5°	15284	20820	25962	32267	40653	48217	57281	70687	85032	95347	103603
0°	16833	22022	27515	33861	43277	51615	61329	75704	90714	101020	108639
-2.5°	16500	21748	26884	33331	42784	50461	60294	74439	89268	99739	106582
-5°	15459	20104	24715	30770	39083	46563	56193	70732	84957	95634	103508
-7.5°	13919	17863	22046	27563	34799	41954	50330	61917	75194	84852	90559
-10°	12298	15564	19481	24143	30115	36542	43498	52780	64125	72595	78009
-12.5°	10878	13707	17201	20649	25522	31246	37423	45019	52504	61436	66117
-15°	9569	11927	14930	18236	22285	26784	31210	36897	41772	47351	51404
-17.5°	8474	10357	13018	16222	19271	23145	27368	31221	35342	39369	42731
-20°	7484	9038	11307	14128	17132	20426	24153	27289	30656	33717	36346



REPORT NUMBER: P731564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-57-70-5S-CV5

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6360	7935	9692	12106	15114	18068	20827	23197	25742	28215	30082
-25°	5189	6702	8383	10661	13126	15611	17565	19234	21220	23002	24604
-27.5°	3979	5591	7405	9308	11452	13031	14676	16185	17694	18893	20246
-30°	2766	4526	6310	8111	9579	10839	12066	13450	14816	15956	16911
-32.5°	1900	3169	4969	6644	7899	8970	9918	11098	12156	13094	13930
-35°	1141	2035	3271	4863	6236	7278	8243	9138	9928	10718	11347
-37.5°	977	1175	1925	2984	4290	5552	6543	7381	8117	8725	9259
-40°	880	997	1161	1522	2485	3448	4530	5485	6261	6833	7297
-42.5°	823	898	978	1107	1250	1707	2535	3326	4008	4641	5185
-45°	813	845	888	960	1026	1145	1274	1401	1938	2446	2864
-47.5°	752	817	856	889	924	980	1034	1093	1190	1282	1361
-50°	663	733	793	851	882	905	927	956	994	1029	1061
-52.5°	554	621	688	751	799	844	885	903	918	931	941
-55°	457	510	563	620	676	730	776	807	834	859	880
-57.5°	366	407	450	497	542	585	626	664	697	726	751
-60°	284	311	347	384	419	452	486	516	544	568	587
-62.5°	213	236	263	289	312	337	368	394	416	433	448
-65°	153	172	194	216	237	258	280	301	321	337	349
-67.5°	109	122	138	151	167	186	205	223	240	251	258
-70°	80	88	99	112	125	138	150	163	175	184	191
-72.5°	58	66	75	83	92	101	110	119	129	134	138
-75°	35	40	47	54	61	67	73	79	84	87	89
-77.5°	25	29	32	36	40	43	47	51	54	56	57
-80°	19	21	23	25	27	30	32	34	37	37	37
-82.5°	14	15	16	18	19	20	22	23	24	24	24
-85°	10	11	12	13	13	14	15	16	17	17	17
-87.5°	8	9	9	10	10	11	11	12	12	12	12
-90°	7	7	6	6	5	5	4	4	4	3	3



REPORT NUMBER: P731564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-57-70-5S-CV5

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	13	12	12	12	12	12	13	13	14	14	13
87.5°	2	2	1	0	1	2	2	3	3	4	4
85°	3	2	2	2	2	2	3	4	4	5	6
82.5°	3	2	2	2	2	2	3	4	4	5	6
80°	3	2	2	2	2	2	3	4	4	5	6
77.5°	3	2	2	2	2	2	3	4	5	5	6
75°	4	3	3	2	3	3	4	4	5	5	6
72.5°	6	5	5	5	5	5	6	6	6	7	7
70°	6	5	5	5	5	5	6	7	8	9	9
67.5°	9	9	8	7	8	9	9	9	9	9	10
65°	9	9	9	9	9	9	9	9	9	9	10
62.5°	7	7	7	7	7	7	7	7	8	8	10
60°	6	6	5	5	5	6	6	7	7	8	8
57.5°	6	5	5	5	5	5	6	6	7	7	8
55°	6	5	5	5	5	5	6	7	7	8	8
52.5°	6	6	6	7	6	6	6	7	7	8	8
50°	8	7	7	7	7	7	8	8	8	9	9
47.5°	10	9	9	9	9	9	10	11	11	12	12
45°	14	13	12	12	12	13	14	15	15	15	15
42.5°	22	21	21	21	21	21	22	22	23	22	19
40°	46	47	47	48	47	47	46	44	43	41	40
37.5°	87	84	80	81	80	84	87	87	84	74	76
35°	170	175	175	176	175	175	170	170	162	139	145
32.5°	394	415	416	424	416	415	394	365	323	285	261
30°	775	792	767	778	767	792	775	739	621	543	452
27.5°	1462	1524	1523	1497	1523	1524	1462	1375	1207	1047	814
25°	2568	2663	2646	2615	2646	2663	2568	2356	2104	1860	1525
22.5°	4049	4206	4332	4250	4332	4206	4049	3763	3448	3030	2697
20°	6618	6663	6797	6749	6797	6663	6618	5940	5479	4961	4370
17.5°	13594	14082	13743	12710	13743	14082	13594	11771	11098	9852	8150
15°	27530	29574	31162	30290	31162	29574	27530	25401	22370	19491	16244
12.5°	45084	46592	47601	47676	47601	46592	45084	41936	36565	31999	26753
10°	64710	66043	67828	68079	67828	66043	64710	60372	53975	46576	38870
7.5°	81232	83935	85186	85018	85186	83935	81232	77630	70370	61926	51735
5°	96009	98809	100035	100239	100035	98809	96009	91582	84093	74531	62493
2.5°	108549	111376	112850	112445	112850	111376	108549	103603	95347	85032	70687
0°	112606	114833	116068	115729	116068	114833	112606	108639	101020	90714	75704
-2.5°	110027	111369	112300	111940	112300	111369	110027	106582	99739	89268	74439
-5°	107169	108761	109109	109535	109109	108761	107169	103508	95634	84957	70732
-7.5°	92730	94433	94996	95848	94996	94433	92730	90559	84852	75194	61917
-10°	80955	82865	82957	83483	82957	82865	80955	78009	72595	64125	52780
-12.5°	71092	73720	74592	74384	74592	73720	71092	66117	61436	52504	45019
-15°	56801	59046	59206	59311	59206	59046	56801	51404	47351	41772	36897
-17.5°	46298	48479	49320	49581	49320	48479	46298	42731	39369	35342	31221
-20°	38603	40227	41254	41680	41254	40227	38603	36346	33717	30656	27289



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	31714	32743	33119	33213	33119	32743	31714	30082	28215	25742	23197
-25°	25730	26548	27023	27221	27023	26548	25730	24604	23002	21220	19234
-27.5°	21124	21852	22309	22380	22309	21852	21124	20246	18893	17694	16185
-30°	17642	18281	18708	18825	18708	18281	17642	16911	15956	14816	13450
-32.5°	14618	15165	15500	15645	15500	15165	14618	13930	13094	12156	11098
-35°	11816	12184	12398	12328	12398	12184	11816	11347	10718	9928	9138
-37.5°	9686	9982	10143	10152	10143	9982	9686	9259	8725	8117	7381
-40°	7681	7982	8163	8173	8163	7982	7681	7297	6833	6261	5485
-42.5°	5617	5924	6135	6271	6135	5924	5617	5185	4641	4008	3326
-45°	3212	3478	3681	3828	3681	3478	3212	2864	2446	1938	1401
-47.5°	1420	1463	1481	1475	1481	1463	1420	1361	1282	1190	1093
-50°	1091	1116	1129	1129	1129	1116	1091	1061	1029	994	956
-52.5°	949	956	960	961	960	956	949	941	931	918	903
-55°	897	910	915	914	915	910	897	880	859	834	807
-57.5°	771	788	799	805	799	788	771	751	726	697	664
-60°	601	611	617	620	617	611	601	587	568	544	516
-62.5°	462	473	478	481	478	473	462	448	433	416	394
-65°	358	367	371	373	371	367	358	349	337	321	301
-67.5°	263	267	269	269	269	267	263	258	251	240	223
-70°	197	202	205	208	205	202	197	191	184	175	163
-72.5°	142	145	147	148	147	145	142	138	134	129	119
-75°	90	91	91	92	91	91	90	89	87	84	79
-77.5°	58	59	61	62	61	59	58	57	56	54	51
-80°	37	37	37	37	37	37	37	37	37	37	34
-82.5°	24	25	25	25	25	25	24	24	24	24	23
-85°	18	18	18	18	18	18	18	17	17	17	16
-87.5°	12	12	12	12	12	12	12	12	12	12	12
-90°	2	2	1	0	1	2	2	3	3	4	4



REPORT NUMBER: P731564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-57-70-5S-CV5

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	11	10	9	8	8	7	7	7	7	7	7
87.5°	4	5	5	6	6	7	7	7	7	7	7
85°	6	6	7	7	7	7	7	7	7	7	7
82.5°	6	7	7	7	7	7	7	7	7	7	7
80°	6	7	7	7	7	7	7	8	8	8	8
77.5°	6	7	7	7	7	7	7	8	8	8	9
75°	6	7	7	8	8	9	9	9	9	9	9
72.5°	8	8	9	9	9	10	10	10	11	11	10
70°	10	11	12	13	14	14	14	13	12	12	11
67.5°	11	12	14	16	17	18	18	17	16	15	13
65°	11	12	15	17	20	22	24	24	23	21	16
62.5°	11	12	14	16	19	24	29	32	32	28	22
60°	10	11	12	14	16	22	31	38	42	36	27
57.5°	9	9	10	12	14	21	31	43	50	40	31
55°	9	9	10	10	11	19	29	40	47	41	32
52.5°	9	9	10	10	12	17	23	34	38	34	29
50°	9	9	10	10	12	15	20	28	28	27	22
47.5°	12	11	10	11	12	14	18	21	22	20	17
45°	15	15	14	13	13	13	15	17	18	18	15
42.5°	21	20	18	18	16	15	15	17	17	17	16
40°	40	34	33	30	26	21	20	19	19	17	20
37.5°	75	66	66	61	50	35	30	26	23	25	27
35°	132	121	115	107	93	69	45	37	34	35	37
32.5°	237	222	182	167	169	124	82	54	51	50	48
30°	386	385	328	286	304	253	137	100	76	68	61
27.5°	730	640	568	536	506	439	309	171	114	92	81
25°	1327	1055	988	887	776	704	524	327	192	124	120
22.5°	2266	1976	1673	1332	1232	1083	846	511	311	233	182
20°	3924	3400	2756	2542	2114	1568	1248	967	701	423	262
17.5°	7581	6074	5242	4791	3675	2534	2354	1953	1257	662	357
15°	13319	11890	10260	8196	6335	5134	4263	3220	2025	1066	574
12.5°	22572	19412	16461	12742	10466	8444	6741	4923	3110	1780	952
10°	32249	27696	23140	18442	14896	12101	9224	6474	4266	2624	1386
7.5°	42977	36614	30266	23868	18965	15178	11276	7818	5334	3499	1852
5°	51573	43610	35879	28348	22693	18251	13366	9036	6309	4366	2324
2.5°	57281	48217	40653	32267	25962	20820	15284	10237	7028	4866	2519
0°	61329	51615	43277	33861	27515	22022	16833	11409	7580	5210	2660
-2.5°	60294	50461	42784	33331	26884	21748	16500	12001	8235	5504	2707
-5°	56193	46563	39083	30770	24715	20104	15459	11767	8386	5553	2686
-7.5°	50330	41954	34799	27563	22046	17863	13919	10671	7691	5026	2490
-10°	43498	36542	30115	24143	19481	15564	12298	9506	6908	4417	2232
-12.5°	37423	31246	25522	20649	17201	13707	10878	8391	6058	3749	1913
-15°	31210	26784	22285	18236	14930	11927	9569	7496	5296	3053	1538
-17.5°	27368	23145	19271	16222	13018	10357	8474	6594	4480	2430	1161
-20°	24153	20426	17132	14128	11307	9038	7484	5615	3570	1922	1047



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	20827	18068	15114	12106	9692	7935	6360	4559	2574	1370	926
-25°	17565	15611	13126	10661	8383	6702	5189	3444	1942	1036	810
-27.5°	14676	13031	11452	9308	7405	5591	3979	2396	1287	911	752
-30°	12066	10839	9579	8111	6310	4526	2766	1643	1009	803	707
-32.5°	9918	8970	7899	6644	4969	3169	1900	1073	860	754	692
-35°	8243	7278	6236	4863	3271	2035	1141	924	788	714	685
-37.5°	6543	5552	4290	2984	1925	1175	977	838	740	706	658
-40°	4530	3448	2485	1522	1161	997	880	783	740	684	619
-42.5°	2535	1707	1250	1107	978	898	823	779	720	644	561
-45°	1274	1145	1026	960	888	845	813	746	670	583	496
-47.5°	1034	980	924	889	856	817	752	683	594	510	436
-50°	927	905	882	851	793	733	663	588	511	441	375
-52.5°	885	844	799	751	688	621	554	495	432	373	316
-55°	776	730	676	620	563	510	457	407	359	306	261
-57.5°	626	585	542	497	450	407	366	325	290	248	207
-60°	486	452	419	384	347	311	284	254	224	192	159
-62.5°	368	337	312	289	263	236	213	191	166	139	118
-65°	280	258	237	216	194	172	153	135	119	102	84
-67.5°	205	186	167	151	138	122	109	95	85	76	65
-70°	150	138	125	112	99	88	80	73	65	56	48
-72.5°	110	101	92	83	75	66	58	51	44	37	31
-75°	73	67	61	54	47	40	35	32	29	26	22
-77.5°	47	43	40	36	32	29	25	23	21	19	17
-80°	32	30	27	25	23	21	19	18	16	15	13
-82.5°	22	20	19	18	16	15	14	13	12	11	11
-85°	15	14	13	13	12	11	10	10	10	10	10
-87.5°	11	11	10	10	9	9	8	8	8	8	8
-90°	4	5	5	6	6	7	7	7	7	7	7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7	7	7	7	7	7	7	7	7	7	7
87.5°	7	7	7	7	7	7	7	7	7	7	7
85°	7	7	7	7	7	7	7	7	7	8	8
82.5°	7	7	7	7	7	7	8	8	8	8	8
80°	8	8	8	8	8	8	8	8	8	8	8
77.5°	9	9	9	9	8	8	9	9	9	9	9
75°	9	9	9	9	9	9	9	9	9	9	9
72.5°	10	9	9	9	9	9	9	9	9	9	9
70°	10	10	9	9	9	9	9	9	9	9	9
67.5°	11	11	10	9	9	9	9	9	9	9	9
65°	14	12	11	10	9	9	9	9	9	9	9
62.5°	16	13	11	10	9	9	9	9	9	9	9
60°	20	15	12	11	10	9	9	9	9	9	9
57.5°	23	17	14	12	11	9	9	9	9	9	9
55°	24	18	16	14	12	10	9	9	9	9	9
52.5°	21	19	17	15	13	11	10	9	9	9	9
50°	17	18	18	16	14	12	10	9	9	9	9
47.5°	15	16	17	17	15	13	11	10	9	9	9
45°	15	16	16	16	16	14	12	11	9	9	9
42.5°	17	17	17	16	16	15	13	11	10	9	9
40°	20	19	18	17	16	15	13	12	10	10	10
37.5°	25	23	20	21	17	16	14	12	11	10	10
35°	34	28	27	26	22	16	14	12	12	11	10
32.5°	47	38	35	33	28	17	15	14	13	11	11
30°	60	55	46	40	35	23	16	15	13	12	11
27.5°	80	74	58	49	42	30	20	16	14	13	11
25°	108	96	76	60	50	48	24	18	16	13	12
22.5°	147	121	96	71	79	71	33	21	17	14	12
20°	193	149	126	120	115	96	50	25	18	15	13
17.5°	248	219	210	181	156	124	69	29	20	16	13
15°	403	343	302	249	199	156	91	33	21	16	14
12.5°	586	475	402	324	246	190	113	37	23	17	14
10°	777	612	506	401	294	225	136	42	25	18	14
7.5°	971	752	613	481	341	260	161	48	27	18	14
5°	1146	873	701	545	384	292	186	53	29	19	14
2.5°	1243	962	773	603	425	323	209	59	32	19	14
0°	1327	1044	840	657	463	350	229	63	33	19	14
-2.5°	1328	1031	837	673	482	361	238	77	42	24	16
-5°	1315	1011	830	683	497	369	243	90	50	29	17
-7.5°	1256	973	813	686	508	373	245	102	58	33	19
-10°	1178	921	782	664	504	372	245	113	64	36	20
-12.5°	1087	867	752	641	494	366	240	121	70	39	21
-15°	986	812	724	616	481	357	234	127	75	42	21
-17.5°	877	755	700	592	465	347	226	130	78	44	22
-20°	819	719	677	568	445	334	217	132	80	45	24



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	768	699	645	543	425	320	207	132	81	46	25
-25°	717	681	612	511	406	305	201	129	80	45	25
-27.5°	688	658	580	476	379	289	197	128	78	43	25
-30°	669	622	540	440	351	266	190	124	76	42	24
-32.5°	655	588	497	406	322	241	176	118	72	42	24
-35°	625	545	452	370	292	221	159	110	67	40	24
-37.5°	590	497	411	334	262	199	144	98	61	38	23
-40°	535	449	370	300	235	176	127	88	57	36	21
-42.5°	477	401	330	264	208	155	109	76	52	33	19
-45°	423	353	289	232	180	133	95	64	46	30	17
-47.5°	367	306	250	199	154	112	81	57	40	26	16
-50°	315	260	212	168	126	95	67	49	34	21	15
-52.5°	264	217	175	136	105	77	58	41	28	18	14
-55°	215	176	139	109	84	64	47	34	22	16	12
-57.5°	171	136	110	86	67	51	38	26	18	14	12
-60°	129	106	83	67	53	40	29	20	16	13	11
-62.5°	97	78	65	52	40	30	21	17	14	12	11
-65°	73	61	48	39	29	21	18	15	13	12	11
-67.5°	55	45	35	26	21	17	15	13	12	11	11
-70°	39	30	23	19	16	14	13	13	12	11	11
-72.5°	26	21	17	14	14	13	13	12	11	11	11
-75°	18	16	14	13	13	12	12	11	11	11	10
-77.5°	15	14	13	12	12	11	11	11	10	10	10
-80°	13	12	11	11	11	11	10	10	10	9	9
-82.5°	11	10	10	10	10	10	9	9	9	9	9
-85°	9	9	9	9	9	9	9	9	8	8	8
-87.5°	8	8	8	8	8	8	8	8	8	8	8
-90°	7	7	7	7	7	7	7	7	7	7	7



REPORT NUMBER: P731564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-57-70-5S-CV5

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7	7	7	7	7	7	7
87.5°	7	7	7	7	7	7	7
85°	8	8	8	7	7	7	7
82.5°	8	8	8	8	7	7	7
80°	9	9	8	8	8	7	7
77.5°	9	9	9	8	8	7	7
75°	9	9	9	8	8	7	7
72.5°	9	9	9	9	8	7	7
70°	9	9	9	9	8	7	7
67.5°	9	9	9	9	8	7	7
65°	9	9	9	9	8	7	7
62.5°	9	9	9	9	8	7	7
60°	9	9	9	9	9	7	7
57.5°	9	9	9	9	9	7	7
55°	9	9	9	9	9	7	7
52.5°	9	9	9	9	9	7	7
50°	9	9	9	9	8	7	7
47.5°	9	9	9	9	8	7	7
45°	9	9	9	9	8	7	7
42.5°	9	9	9	9	8	7	7
40°	9	9	9	9	8	7	7
37.5°	10	9	9	9	9	7	7
35°	10	9	9	9	9	7	7
32.5°	10	9	9	9	9	7	7
30°	10	9	9	9	9	7	7
27.5°	11	10	9	9	9	7	7
25°	11	10	9	9	9	7	7
22.5°	11	10	9	9	9	7	7
20°	12	10	9	9	9	7	7
17.5°	12	10	9	9	9	7	7
15°	12	10	9	9	9	7	7
12.5°	12	10	9	9	9	7	7
10°	12	10	9	9	9	7	7
7.5°	12	11	9	9	9	7	7
5°	12	11	9	9	9	7	7
2.5°	12	11	9	9	9	7	7
0°	12	11	9	9	9	7	7
-2.5°	13	11	9	9	9	7	7
-5°	13	11	9	9	9	7	7
-7.5°	13	11	9	9	9	7	7
-10°	13	11	9	9	9	7	7
-12.5°	13	11	10	9	9	7	7
-15°	13	11	10	9	9	7	7
-17.5°	13	11	10	9	9	7	7
-20°	14	12	10	9	9	7	7



REPORT NUMBER: P731564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-57-70-5S-CV5

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15	12	10	9	9	7	7
-25°	15	12	10	9	9	7	7
-27.5°	15	12	10	9	9	7	7
-30°	15	12	10	9	9	7	7
-32.5°	15	11	10	9	9	7	7
-35°	15	11	9	9	9	7	7
-37.5°	14	11	9	9	9	7	7
-40°	14	11	9	9	8	7	7
-42.5°	13	11	9	9	8	7	7
-45°	13	10	9	9	8	7	7
-47.5°	12	10	9	9	8	7	7
-50°	11	10	9	9	8	7	7
-52.5°	11	10	9	9	9	7	7
-55°	11	10	9	9	9	7	7
-57.5°	11	10	9	9	9	7	7
-60°	10	10	9	9	9	7	7
-62.5°	10	10	9	9	8	7	7
-65°	10	10	9	9	8	7	7
-67.5°	10	10	9	9	8	7	7
-70°	10	10	9	9	8	7	7
-72.5°	10	9	9	9	8	7	7
-75°	10	9	9	8	8	7	7
-77.5°	9	9	9	8	8	7	7
-80°	9	9	8	8	8	7	7
-82.5°	8	8	8	8	7	7	7
-85°	8	8	8	7	7	7	7
-87.5°	7	7	7	7	7	7	7
-90°	7	7	7	7	7	7	7

(END OF REPORT)

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





Horizontal Angle (degrees)



Horizontal Angle (degrees)

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

